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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

9142-006-999

Total Pages

First Named Inventor or Application Identifier

Gerard Karsenty et al.

Express Mail Label No.

EL 340 685 868 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. ☒ Fee Transmittal Form
Submit an original, and a duplicate for fee processing) [Total Pages 101]2. ☒ Specification
(Preferred arrangement set forth below)3. ☒ Descriptive title of the Invention4. ☒ Cross Reference to Related Applications5. ☒ Statement Regarding Fed sponsored R&D6. ☒ Reference to Microfiche Appendix7. ☒ -Background of the Invention8. ☒ -Brief Summary of the Invention9. ☒ -Brief Description of the Drawings (if filed)10. ☒ -Detailed Description of the Invention (including drawings, if filed)11. ☒ -Claim(s)12. ☒ -Abstract of the Disclosure13. ☒ Drawing(s) (35 USC 113) [Total Sheets 36]14. ☒ Oath or Declaration (Unexecuted) [Total Sheets 2]a. ☐ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]i. ☐ DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).

15. ☐ Incorporation By Reference (useable if Box 4b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)7. ☐ Nucleotide and/or Amino Acid Sequence Submissions
(if applicable, all necessary)a. ☐ Computer Readable Copyb. ☐ Paper Copy (identical to computer copy)c. ☐ Statement verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**8. ☐ Assignment Papers (cover sheet & document(s))9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)10. ☐ English Translation Document (if applicable)11. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations12. ☐ Preliminary Amendment13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)14. ☐ Small Entity Statement filed in prior application,
Statement(s) Status still proper and desired15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: filed .**18. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

20583

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

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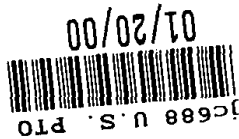
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**PENNIE & EDMONDS LLP**

COUNSELLORS AT LAW

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ATTORNEY DOCKET NO. 9142-006-999Date: January 20, 2000

Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Gerard Karsenty, Patricia Ducey and Michael Amling Executed on: Unexecuted

Title of Invention: METHODS AND COMPOSITIONS FOR CONTROL OF BONE FORMATION VIA MODULATION
OF LEPTIN ACTIVITY

PATENT APPLICATION FEE VALUE

| TYPE | NO. FILED | LESS | EXTRA | EXTRA RATE | FEE |
|--|-----------|------|-------|--------------|-------------|
| Total Claims | 67 | -20 | 47 | \$18.00 each | \$ 846.00 |
| Independent | 17 | -3 | 14 | \$78.00 each | \$ 1,092.00 |
| Minimum Fee | | | | | \$ 690.00 |
| Multiple Dependency Fee If Applicable (\$260.00) | | | | | \$ 260.00 |
| Total | | | | | \$ 2,888.00 |
| 50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern (a verified statement as to the applicant's status is attached) | | | | | - \$ 0.00 |
| Total Filing Fee | | | | | \$ 2,888.00 |

- ☒ Priority of Provisional Application No. 60/138,733 filed on 6/11/99 is claimed under 35 U.S.C. § 119(e).
☐ The certified copy of the priority application has been filed in application no. filed
☐ Amend the specification by inserting before the first line the following sentence: This is a continuation-in-part of application no. filed .

Respectfully submitted,

by: [Signature] Reg. No. 40, PP 7

30,605

Samuel B. Abrams
PENNIE & EDMONDS LLP

(Reg. No.)

Enclosure

This form is not for use with continuation, divisional, re-issue, design or plant patent applications.